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Amendments to the Claims:

Please amend claims 1-9 as shown in the listing of the claims.

Please cancel claim 10 without prejudice.

Please add claims 17-19 as shown in the listing of the claims.

This listing of the claims will replace all prior listing of the claims in this application.

Listing of the Claims

1. (Currently Amended) A compound having the formula:

wherein

$$X^1$$
 is $-\Theta$ $C=$ or $-N=$;

L¹ is a bond, substituted or unsubstituted alkylene, or substituted or unsubstituted heteroalkylene; and

R¹ has the formula:

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$$-\frac{\xi}{\xi} - L^4 \qquad \qquad L^5 - R^3 \qquad \qquad \chi^2 \qquad \qquad \chi^2$$

wherein

(2)

n is 0 or 1;

 X^{2} is $-N(R^{4})$ - or $-CH(R^{4})$ -;

L², L³, L⁴, and L⁵ are is independently a bond, substituted or unsubstituted alkylene, substituted or unsubstituted heteroalkylene, or substituted or unsubstituted heterocycloalkylene; and

R², R³, and R⁴ are independently hydrogen, substituted or unsubstituted alkyl, substituted or unsubstituted heteroalkyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted heterocycloalkyl, substituted or unsubstituted aryl, or substituted or unsubstituted heteroaryl,

wherein if X is -C=, L² is a bond, L³ is unsubstituted alkylene, R¹ is (1), and R¹ is para to -L¹-B(OH)₂, then R² is not substituted or unsubstituted aryl or substituted or unsubstituted heteroaryl.

2. (Currently Amended) The compound of claim 1, wherein

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 L^1 is a bond, substituted or unsubstituted C_1 - C_{20} alkylene, or substituted or unsubstituted 2 to 20 membered heteroalkylene;

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 L^2 , L^3 , L^4 , and L^5 -are is independently a bond, substituted or unsubstituted C_1 - C_{20} alkylene, substituted or unsubstituted 2 to 20 membered heteroalkylene, or substituted or unsubstituted 3 to 8 membered heterocycloalkylene; and

 R^2 , R^3 , and R^4 are independently hydrogen, substituted or unsubstituted C_1 - C_{20} alkyl, substituted or unsubstituted 2 to 20 membered heteroalkyl, substituted or unsubstituted C_3 - C_8 cycloalkyl, substituted or unsubstituted 3 to 8 membered heterocycloalkyl, substituted or unsubstituted aryl, or substituted or unsubstituted heteroaryl.

3. (Currently Amended) The compound of claim 1, wherein

 L^1 is a bond, unsubstituted C_1 - C_{10} alkylene, or unsubstituted 2 to 10 membered heteroalkylene;

 L^2 , L^3 , L^4 and L^5 are <u>is</u> independently a bond, unsubstituted C_1 - C_{10} alkylene, unsubstituted 2 to 10 membered heteroalkylene, or unsubstituted 3 to 8 membered heterocycloalkylene; and

 R^2 , R^3 , and R^4 are independently hydrogen, substituted or unsubstituted C_1 - C_{10} alkyl, substituted or unsubstituted 2 to 10 membered heteroalkyl, substituted or unsubstituted C_3 - C_8 cycloalkyl, substituted or unsubstituted 3 to 8 membered heterocycloalkyl, substituted or unsubstituted aryl, or substituted or unsubstituted heteroaryl.

4. (Currently Amended) The compound of claim 1, wherein

 L^1 is abond a bond, substituted or unsubstituted C_1 - C_{10} alkylene, or substituted or unsubstituted 2 to 10 membered heteroalkylene; and

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 L^2 , L^3 , L^4 -and L^5 -are <u>is</u> independently a bond, substituted or unsubstituted C_1 - C_{10} alkylene, substituted or unsubstituted 2 to 10 membered heteroalkylene, or substituted or unsubstituted 3 to 8 membered heterocycloalkylene;.

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- (Currently Amended) The compound of claim 1, wherein R¹ has the formula (1), wherein L² is a bond, unsubstituted C₁-C₁₀ alkylene, unsubstituted 2 to 10 membered heteroalkylene, or unsubstituted 3 to 8 membered heterocycloalkylene;
 - L³ is a bond, unsubstituted C₁-C₁₀ alkylene, unsubstituted 2 to 10 membered heteroalkylene, or unsubstituted 3 to 8 membered heterocycloalkylene; and

 R^2 is R^{21} -substituted or unsubstituted C_1 - C_{15} alkyl, R^{21} -substituted or unsubstituted 2 to 10 membered heteroalkyl, R^{21} -substituted or unsubstituted C_3 - C_8 cycloalkyl, R^{21} -substituted or unsubstituted 3 to 8 membered heterocycloalkyl, R^{21} -substituted or unsubstituted aryl, or R^{21} -substituted or unsubstituted heteroaryl, wherein

 R^{21} is a halogen, -OH, -SH, -NH₂, -CF₃, -B(OH)₂, -C(0)NHOH, unsubstituted C_1 - C_{10} alkyl, unsubstituted 2 to 10 membered heteroalkyl, unsubstituted C_3 - C_8 cycloalkyl, unsubstituted 3 to 8 membered heterocycloalkyl, unsubstituted aryl, unsubstituted heteroaryl, or -OR²², wherein

 R^{22} is unsubstituted C_3 - C_{10} alkyl, unsubstituted 2 to 10 membered heteroalkyl, unsubstituted C_3 - C_8 cycloalkyl, unsubstituted 3 to 8 membered heterocycloalkyl, unsubstituted aryl, unsubstituted heteroaryl, or - $(CH_2)_qB(OH)_2$, wherein q is an integer from 1 to 5.

- 6. (Currently Amended) The compound of claim 1, wherein R¹ has the formula (l), wherein L² is a bond, or unsubstituted 3 to 8 membered heterocycloalkylene;
 - L³ is unsubstituted C₁-C₁₀ alkylene; and

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 R^2 is R^{21} -substituted or unsubstituted C_1 - C_{15} alkyl, or R^{21} -substituted or unsubstituted aryl, wherein

 R^{21} is halogen, -OH, -SH, -NH₂, -CF₃, -B(OH)₂, -C(0)NHOH, unsubstituted C_1 - C_{10} alkyl, unsubstituted 2 to 10 membered heteroalkyl, unsubstituted C_3 - C_8 cycloalkyl, unsubstituted 3 to 8 membered heterocycloalkyl, unsubstituted aryl, unsubstituted heteroaryl, or -OR²², wherein

R²² is unsubstituted C₁-C₁₀ alkyl, or unsubstituted 2 to 10 membered heteroalkyl.

7. (Currently Amended) The compound of claim 6, wherein

L² is a bond or piperazinylene;

L³ is unsubstituted C₁-C₃ alkenylene;

 R^2 is unsubstituted C_1 - C_{15} alkyl, or R^{21} -substituted or unsubstituted aryl, wherein

 R^{21} is halogen, -C(0)NHOH, unsubstituted C_1 - C_{10} alkyl, unsubstituted 2 to 10 membered heteroalkyl, or -OR²², wherein

 R^{22} is unsubstituted C_1 - C_{10} alkyl, or unsubstituted 2 to 10 membered heteroalkyl.

8. (Currently Amended) The compound of claim 1, wherein R¹ has the formula (2) or (3), wherein

 L^4 -and L^5 are independently a bond, unsubstituted C_4 - C_{10} alkylene, unsubstituted 2 to 10 membered heteroalkylene, or unsubstituted 3 to 8 membered heterocycloalkylene;

 R^4 is unsubstituted C_1 - C_{10} alkyl, unsubstituted 2 to 10 membered heteroalkyl, unsubstituted C_3 - C_8 cycloalkyl, unsubstituted 3 to 8 membered heterocycloalkyl, unsubstituted aryl, or unsubstituted heteroaryl;

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 R^3 is R^{31} -substituted or unsubstituted C_1 - C_{10} alkyl, R^{31} -substituted or unsubstituted 2 to 10 membered heteroalkyl, R-substituted or unsubstituted C_3 - C_8 cycloalkyl, R^{31} -substituted or unsubstituted 3 to 8 membered heterocycloalkyl, R^{31} -substituted or unsubstituted aryl, or R^{31} -substituted or unsubstituted heteroaryl, wherein

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 R^{31} is halogen, -OH, -SH, -NH₂, -CF₃, -B(OH)₂, -C(0)NHOH, unsubstituted C_1 - C_{10} alkyl, unsubstituted 2 to 10 membered heteroalkyl, unsubstituted C_3 - C_8 cycloalkyl, unsubstituted 3 to 8 membered heterocycloalkyl, unsubstituted aryl, unsubstituted heteroaryl, or -OR³², wherein

 R^{32} is unsubstituted C_1 - C_{10} alkyl, unsubstituted 2 to 10 membered heteroalkyl, unsubstituted C_3 - C_8 cycloalkyl, unsubstituted 3 to 8 membered heterocycloalkyl, unsubstituted aryl, unsubstituted heteroaryl, or -(CH2)_mB(OH)₂, wherein m is an integer from 1 to 5.

9. (Currently Amended) The compound of claim 1, wherein R¹ has the formula (1) or (2), wherein

L⁴ and L⁵ are unsubstituted C₁-C₁₀ alkylene;

R⁴ is unsubstituted C₁-C₁₀ alkyl;

R³ is R³¹-substituted aryl, wherein

 R^{31} is a halogen, -C(0)NHOH, unsubstituted C_1 - C_{10} alkyl, unsubstituted 2 to 10 membered heteroalkyl, or -OR³², wherein

 R^{32} is an unsubstituted C_1 - C_{10} alkyl, unsubstituted 2 to 10 membered heteroalkyl, or - $(CH_2)_m B(OH)_2$, wherein m is 1 to 5.

10. (Canceled).

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- 11. (Original) The compound of claim 1, wherein R¹ is para to -L¹-B(OH)₂.
- 12. (Original) The compound of claim 1, wherein X is -C=.
- 13. (Original) The compound of claim 1, wherein L^1 is a bond or methylene.
- 14. (Withdrawn) A method of treating a tumor or cancer in a patient in need thereof comprising administering to said patient an effective amount of a compound having the Formula:

wherein

$$X^1$$
 is -O or -N=;

 L^1 is a bond, substituted or unsubstituted alkylene, or substituted or unsubstituted heteroalkylene; and

R¹ has the formula:

$$\begin{cases} & \xi \\ & L^2 - C - L^3 - R^2 \end{cases}$$
(1)

$$-\xi - L^4$$

$$-\xi - L^4$$

$$-\xi - R^3$$

$$-\xi - R^3$$

$$-\xi - R^3$$
, or

(2)

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wherein

n is 0 or 1;

$$X^{2}$$
 is $-N(R^{4})$ - or $-CH(R^{4})$ -;

L², L³, L⁴, and L⁵ are independently a bond, substituted or unsubstituted alkylene, substituted or unsubstituted heteroalkylene, or substituted or unsubstituted heterocycloalkylene; and

R², R³, and R⁴ are independently hydrogen, substituted or unsubstituted alkyl, substituted or unsubstituted heteroalkyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted heterocycloalkyl, substituted or unsubstituted aryl, or substituted or unsubstituted heteroaryl,

wherein if X is -C=, L^2 is a bond, L^3 is unsubstituted alkylene, R^1 is (1), and R^1 is para to - L^1 -B(OH)₂, then R^2 is not substituted or unsubstituted aryl or substituted or unsubstituted heteroaryl.

15. (Withdrawn) The method of claim 14, wherein said tumor is selected from the group consisting of breast, cervical, stomach, colon, bladder, rectal, liver, pancreatic, lung, cervix uteri, corpus uteri, ovary, prostate, testis, renal, brain/cns, head, neck, throat, anal and oral cancers, eye or ocular cancer, skin melanoma, Ewing's Sarcoma, Kaposi's Sarcoma, basal cell carcinoma and squamous cell carcinoma, small cell lung cancer, mouth/pharynx, esophageal, larynx, kidney and lymphoma, acute lymphocytic leukemia, and acute myelogenous leukemia.

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16. (Withdrawn) A method of inhibiting MDM2 expression in a mammal, comprising administering an amount of a compound effective to inhibit said expression, said compound having the Formula:

wherein

 X^1 is -O or -N=;

L¹ is a bond, substituted or unsubstituted alkylene, or substituted or unsubstituted heteroalkylene; and

R¹ has the formula:

$$\begin{cases} & & \xi \\ & & L^2 \\ & & & | \\ & & & 0 \end{cases}$$
 (1)

$$-\xi - L^4 - L^5 - R^3$$

$$\chi^2 - R^3$$

$$R^4 - R^3$$
, or

(2)

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wherein

n is 0 or 1;

$$X^{2}$$
 is $-N(R^{4})$ - or $-CH(R^{4})$ -;

L², L³, L⁴, and L⁵ are independently a bond, substituted or unsubstituted alkylene, substituted or unsubstituted heteroalkylene, or substituted or unsubstituted heterocycloalkylene; and

R², R³, and R⁴ are independently hydrogen, substituted or unsubstituted alkyl, substituted or unsubstituted heteroalkyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted heterocycloalkyl, substituted or unsubstituted aryl, or substituted or unsubstituted heteroaryl,

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wherein if X is -C=, L^2 is a bond, L^3 is unsubstituted alkylene, R^1 is (1), and R^1 is para to - L^1 -B(OH)₂, then R^2 is not substituted or unsubstituted aryl or substituted or unsubstituted heteroaryl.

17. (New) The compound of claim 1, wherein R¹ has the formula:

(2)
$$R^3$$
 or (3)

18. (New) The compound of claim 1, wherein the compound having the formula:

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has formulae:

$$(HO)_{2}B$$

wherein R' is halogen, alkyl, heteroalkyl, alkoxy, heteroalkoxy, or hydroxamic acid.

19. (New) A compound having formula:

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wherein

 X^1 is C= or -N=;

L¹ is a bond, substituted or unsubstituted alkylene, or substituted or unsubstituted heteroalkylene;

R¹ has the formula:

$$R^3$$
 R^3
, or

wherein

(2)

n is 0 or 1;

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$$X^2$$
 is $-N(R^4)$ - or $-CH(R^4)$ -; and

R², R³, and R⁴ are independently hydrogen, substituted or unsubstituted alkyl, substituted or unsubstituted heteroalkyl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted heterocycloalkyl, substituted or unsubstituted aryl, or substituted or unsubstituted heteroaryl.

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